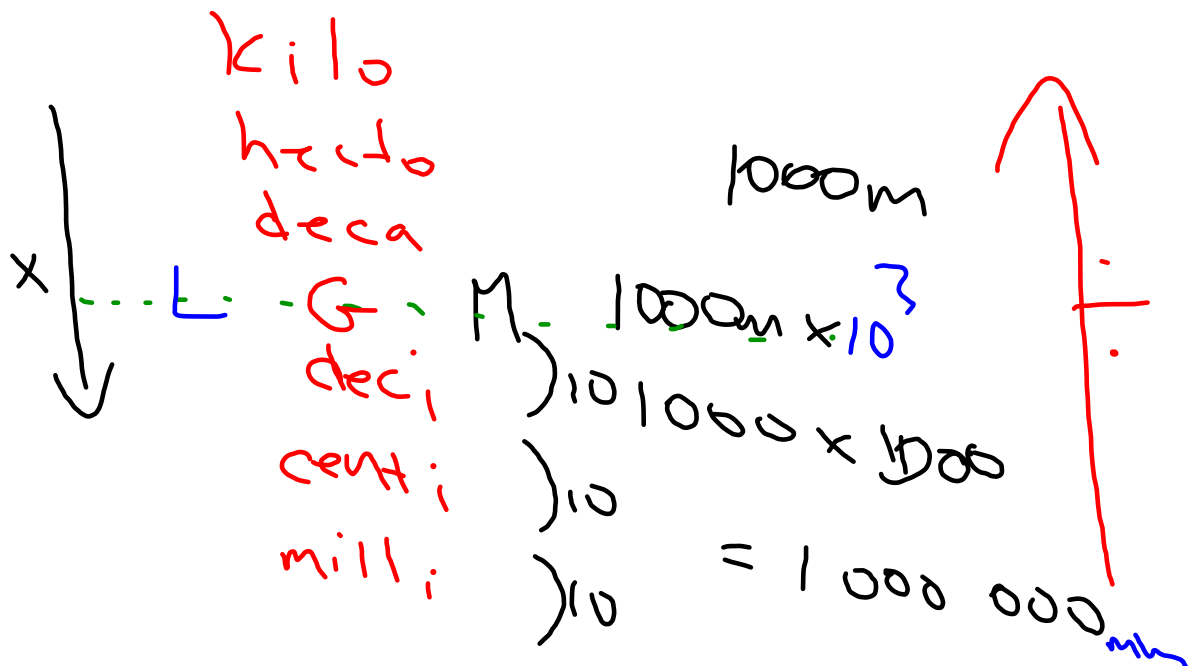


Length

p52



Feb 17-8:13 AM

Conversions from Metric to Imperial

Sec 2.2

Conversion Chart

$$5' 10'' \Rightarrow$$

$$(5 \times 12) + 10$$

$$60 + 10$$

$$70''$$

$$\times 2.54 \text{ cm/in} \Rightarrow 177.8 \text{ cm}$$

Feb 18-12:07 PM

42km \rightarrow mi

$$42 \times 0.62 \text{ mi/km} = 26 \text{ mi}$$

Marathon

Jan 9-1:14 PM

My Outback gets 10L /100km of gas,
How many miles per gallon is that?

$$\begin{array}{l}
 10 \cancel{\text{km}} / \cancel{\text{L}} \times \frac{1 \text{ mi}}{1.609 \cancel{\text{km}}} \quad \text{mi/gal} \\
 1) \quad 6.22 \text{ mi/L} \\
 2) \quad 6.22 \frac{\text{mi}}{\cancel{\text{L}}} \times \frac{3.785 \cancel{\text{L}}}{\text{gal}} \quad 23.54 \text{ mi/gal}
 \end{array}$$

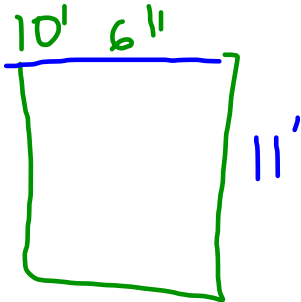
Feb 18-12:30 PM

16 oz in grams

$$16 \cancel{\text{oz}} \times \frac{28.35 \text{ g}}{1 \cancel{\text{oz}}} \Rightarrow 453.6 \text{ g}$$

Feb 18-12:37 PM

$E_x \#3$ p 69



$$\begin{aligned} a) \quad A &= l \times w \\ &= 10.5 \times 11 \\ &= 115.5 \text{ ft}^2 \end{aligned}$$

$$\frac{6}{12} = 0.5$$

$$\begin{aligned} b) \quad 115.5 \cancel{\text{ft}^2} &\times \frac{0.0929 \text{ m}^2}{\cancel{\text{ft}^2}} \\ &= 10.73 \text{ m}^2 \end{aligned}$$

Feb 18-12:40 PM

p 130-131

2⁴, 5 a, c, 6 b, d, 7 a, d

9 b) f) 11 a) f)

12, 13

Jan 9-1:28 PM

$$58 \cancel{\text{cm}} \times \frac{1 \cancel{\text{in}}}{2.54 \cancel{\text{cm}}} = \frac{58}{2.54} \text{ in}$$

$$\frac{1 \text{ in}}{2.54 \text{ cm}}$$

$$16 \cancel{\text{in}} \times \frac{2.54 \text{ cm}}{1 \cancel{\text{in}}} = \text{cm}$$

Feb 17-9:09 AM

5) Turkey

\$ 2.19

500g

Chicken Loaf

\$ 1.99

1lb

\$ 0.00438

g

x = $\frac{1000g}{kg}$

\$ 4.38

kg

x

0.454kg

1lb

1.99

1b

Feb 17-9:20 AM

Dec 12-12:20 PM